

549357

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



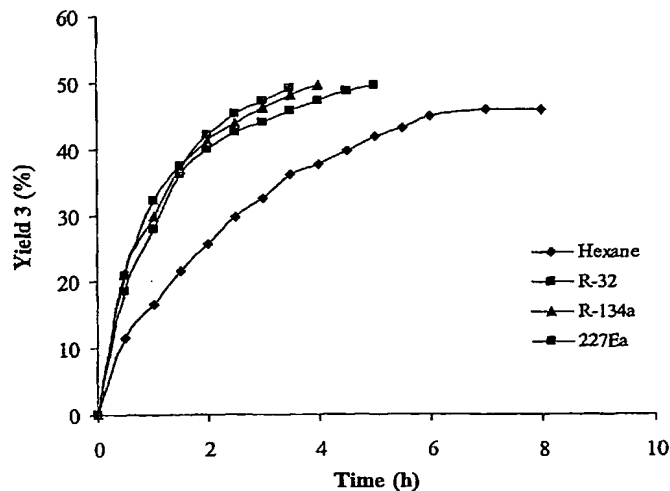
(43) International Publication Date
30 September 2004 (30.09.2004)

PCT

(10) International Publication Number
WO 2004/083444 A1

- (51) International Patent Classification⁷: **C12P 41/00**
- (21) International Application Number:
PCT/GB2004/001180
- (22) International Filing Date: 18 March 2004 (18.03.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0306267.6 19 March 2003 (19.03.2003) GB
- (71) Applicant (for all designated States except US): **INEOS FLUOR HOLDINGS LIMITED** [GB/GB]; PO Box 13, The Heath, Runcorn, Cheshire WA7 4QF (GB).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **SAUL, Simon, Joseph, Phillip** [GB/GB]; Appt 707 Orient House, Granby Row, Manchester M1 7AS (GB). **MICKLEFIELD, Jason** [GB/GB]; 20 Marlcroft Avenue, Heaton Norris, Stockport, Cheshire SK4 3LZ (GB). **CORR, Stuart** [GB/GB]; 31 Foxhill's Close, Appleton, Warrington, Cheshire WA4 5DH (GB).
- (74) Agent: **DEE, Ian**; Erik Potter Clarkson, Park View House, 58 the Ropewalk, Nottingham NG1 5DD (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
— with amended claims
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ENZYMATIC PROCESS FOR STEREO-SELECTIVE PREPARATION OF CHEMICAL COMPOUNDS IN HYDROFLUOROCARBON SOLVENTS



(57) Abstract: A process for preparing a second compound stereo-selectively is described. The process comprises reacting a substrate comprising at least one first compound with a reagent in the presence of a biological catalyst and a solvent comprising at least one (hydro)fluorocarbon so as to convert a first compound into the second compound.

WO 2004/083444 A1